

ABSTRACT

An apparatus for continuously winding a rubber strip extruded from a rubber-strip extruding machine, on a tire-building drum, comprises: a rubber-strip extruding machine including a gear pump for delivering the rubber material outputted from the extruder to a forming nozzle; a tire-building drum on which a rubber strip is wound, the rubber strip outputted from the rubber-strip extruding machine and having a predetermined sectional shape; a first driver unit for moving the extruding machine relative to the drum; a second driver unit for driving the drum into rotation; a pressure roller for pressing the rubber strip against the drum when the rubber strip is wound on the drum; and a control unit for controlling the first driver unit; said controlling being made such that said extruding machine is moved relative to the drum when the drum is driven as rotated, as to sequentially wind the rubber strip on the drum.